

Match Overview

1	Crossref 67 words Brody, Robert M., Brian D. Nicholas, Michael J. Wolf, Paula B. Marcinkevich, and Gregory J. Artz. "Cortical Deafness : A Case Report." <i>Journal of the American Academy of Audiology</i> , 2004. 17-21. Web. 09-Sep-2012.	2%
2	Crossref 48 words Lee, T.L.. "High-resolution Computed Tomography in the Diagnosis of Otosclerosis in Taiwan", <i>Journal of the Chinese Medical Association</i> , 2004. 77-80. Web. 09-Sep-2012.	2%
3	Crossref 17 words S. Ziyeh. "MRI of active otosclerosis", <i>Neuroradiology</i> , 06/13/1997	1%
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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 33166

Manuscript Type: Minireviews

Diagnostic performance of high resolution computed tomography in otosclerosis

Todd Kanzara, Jagdeep Singh Virk

Abstract

This study was conducted to determine the sensitivity and specificity of high resolution computed tomography (HRCT) in the diagnosis of otosclerosis. A systematic literature review was undertaken to include Level I-III studies (Oxford Centre for Evidenced based Medicine) that utilised HRCT to detect histology confirmed otosclerosis. Quantitative synthesis was then performed. Based on available level III literature, HRCT has a relatively low sensitivity of 58% (95% CI: 49.4-66.9), a high specificity, 95% (95% CI: 89.9-98.0) and a positive predictive value of 92% (95% CI: 84.1-95.8). HRCT is better at diagnosing the more prevalent fenestral form of otosclerosis



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作者: TL Lee - 2009 - 被引用次数: 7 - 相关文章

High-resolution computed tomography in the diagnosis of otosclerosis in Taiwan. ... CONCLUSION: HRCT has high specificity (100%) but low sensitivity (46%) ...

[PDF] Correlations between CT scan findings and hearing thresholds in ...

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作者: M MARX - 2011 - 被引用次数: 28 - 相关文章

Conclusion: High-resolution computed tomography (CT) scan may reveal an isolated ... findings were categorized as negative, isolated fenestral otosclerosis, and ... CT scan sensitivity and specificity were evaluated by comparing CT scan results to the surgical findings. Positive surgical diagnosis of otosclerosis was con-

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Sensitivity of CT in the diagnosis of otosclerosis was 100%. ... It also helps, with good sensitivity and specificity, seeking for anatomical ... Findings on High Resolution Computed Tomography and Their Correlation to Audiological Test Data.

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作者 : T Somers - 2007 - 被引用次数 : 3 - 相关文章

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